

12-26-01

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12/18/01  
1031 U.S. PTO

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.: 1768-15

jc564 U.S. PTO  
10/024875  
12/18/01

CERTIFICATE OF MAILING OR TRANSMISSION

"Express Mail" mailing label number: EJ760081323US

Date of Deposit: December 18, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR, Section 1.10 on the date indicated above and is addressed to Box Patent Application, Commissioner for Patents, Washington, D.C. 20231 by

  
\_\_\_\_\_  
Signature

BOX PATENT APPLICATION  
COMMISSIONER FOR PATENTS  
WASHINGTON, DC 20231

Sir:

Enclosed for filing is the patent application of:

Inventors: Dong Ho Cho

Title: **OPTIMAL INTERNET NETWORK CONNECTING AND ROAMING  
SYSTEM AND METHOD ADAPTED FOR USER MOVING OUTDOORS  
OR INDOORS**

Including:

- X 1. A specification including claims consisting of 26 pages.
- X 2. Drawings consisting of 7 sheets.
- X 3. Benefit of co-pending Korean Application number 2001-00034976 filed on June 20, 2001 is being claimed.
- X 4. Declaration and Power of Attorney is enclosed.

Additionally:

5. An assignment of the invention to \_\_\_\_\_ is enclosed.  
X 6. A filing date in accordance with 37 CFR 1.10 is requested  
(Express mail certificate is part of this transmittal letter).

X 8. COMPUTATION OF FEE

Claims	Number Filed	Number Extra	Basic Fee \$740/\$370
Total	21 -20=	1	x\$18/\$9= \$9
Indep.	2 - 3=	0	x\$84/\$42= \$0
Multi Dep.	xxx	xxx	x\$280/\$140= \$0

TOTAL Filing Fee: \$379.00

Assignment Recording Fee (\$40.00): \$-0-

- X 9. Check No. 18005 for \$379.00 for filing fee is enclosed.  
10. Check No. \_\_\_\_\_ for \$-0- for assignment fee is enclosed.  
11. No fee is enclosed at this time.  
X 12. Charge any additional fees to Deposit Account No. 07-1897.  
13. A copy of this letter is enclosed.  
X 14. Information Disclosure Statement is enclosed.  
X 15. PTO FORM-1449 with prior art is enclosed.  
X 16. Priority Document is enclosed.  
X 17. A postcard is enclosed as acknowledgment of receipt of this application.

Respectfully submitted,

GRAYBEAL JACKSON HALEY LLP

John M. Janeway  
Registration No. 45,796  
155-108th Avenue N.E., Suite. 350  
Bellevue, WA 98004-5901  
(425) 455-5575

# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

## Complete if Known

Application Number To be assigned  
Filing Date  
First Named Inventor Dong Ho Cho  
Examiner Name To be assigned  
Group / Art Unit  
Attorney Docket No. 1768-15

TOTAL AMOUNT OF PAYMENT (\$) 379

### METHOD OF PAYMENT (check one)

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number

Deposit Account Name

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  
☒ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☐ Other

### FEE CALCULATION

#### 1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	370
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	
SUBTOTAL (1)					(\$ 370)

#### 2. EXTRA CLAIM FEES

Total Claims	21	-20 **	=	1	X	9	=	9
Independent Claims	2	-3 **	=	0	X	18	=	0
Multiple Dependent					X		=	0

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 9)

\*\*or number previously paid, if greater, For Reissues, see above

### FEE CALCULATION (continued)

Fee Code	Large Entity Fee (\$)	Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17 (q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0)

### SUBMITTED BY

Name (Print/Type)

John M. Janeway

Registration No. Attorney/Agent

45,796

Telephone

(425) 455-5575

Signature

Date

12/13/01

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231  
DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<b>CHANGE OF CORRESPONDENCE ADDRESS Patent</b>  Address to: Assistant Commissioner for Patents Washington, D.C. 20231	<b>Patent Number</b>	
	<b>Issue Date</b>	
	<b>Application Number</b>	Not assigned yet
	<b>Filing Date</b>	18 December 2001
	<b>First Named Inventor</b>	Dong Ho Cho

Please change the Correspondence Address for the above-identified patent to:

☐ Customer Number  → **Place Customer Number  
Bar Code Label here**

OR

☒ **Type Customer Number here**

<b>Firm or Individual Name</b>	Bryan A. Santarelli				
<b>Address</b>	Graybeal Jackson Haley LLP				
<b>Address</b>	155-108 <sup>th</sup> Avenue NE, Suite 350				
<b>City</b>	Bellevue	<b>State</b>	WA	<b>ZIP</b>	98004-5901
<b>Country</b>	USA				
<b>Telephone</b>	(425) 455-5575	<b>Fax</b>	(425) 455-1046		

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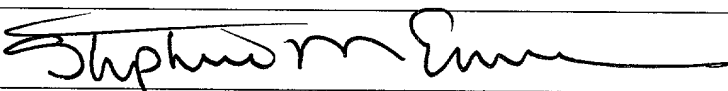
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I am the :

☐ Patentee.

☐ Assignee of record of the entire interest.  
Certificate under 37 CFR 3.73(b) is enclosed.

☒ Attorney or agent of record .

<b>Typed or Printed Name</b>	Stephen M. Evans
<b>Signature</b>	
<b>Date</b>	17 DECEMBER, 2001

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☒ \*Total of 1 forms are submitted.